

TOWN OF ARLINGTON

BID # 17-32 2017 WATER DISTRIBUTION SYSTEM IMPROVEMENTS - VARIOUS LOCATIONS

MAY 16, 2017

PLAN LIST:

COVER - SHEET 1

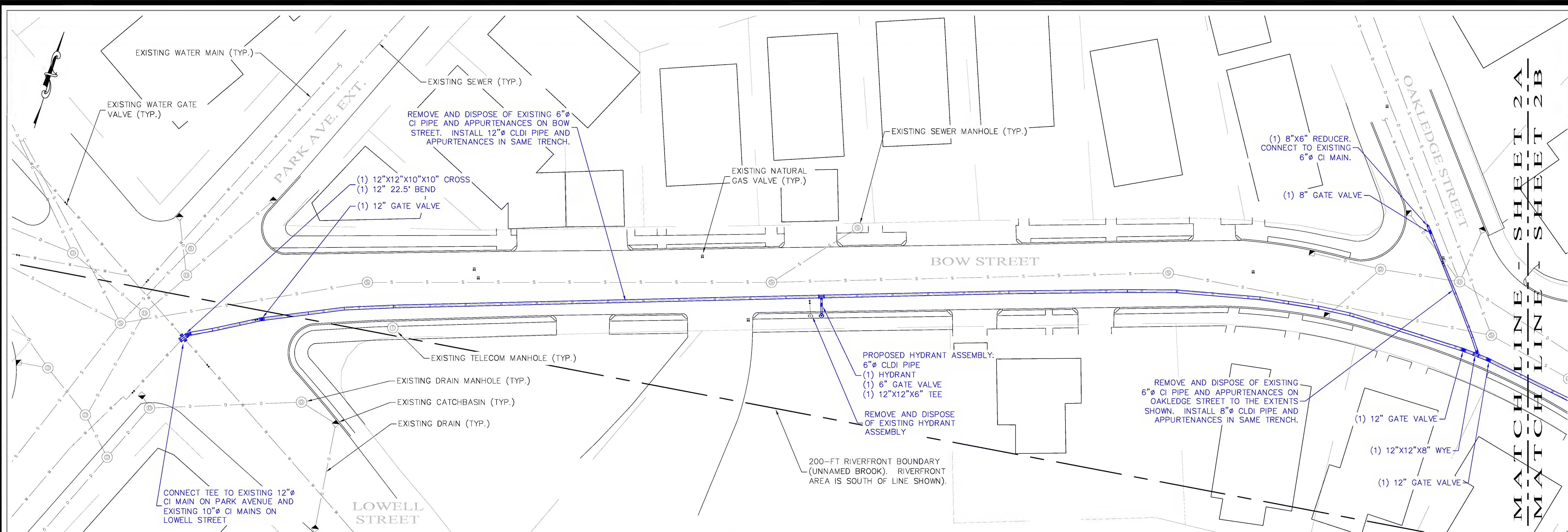
BOW STREET - SHEETS 2-4

MILL STREET - SHEETS 5-6

BID ALTERNATE #1: SPRING STREET - SHEET 7

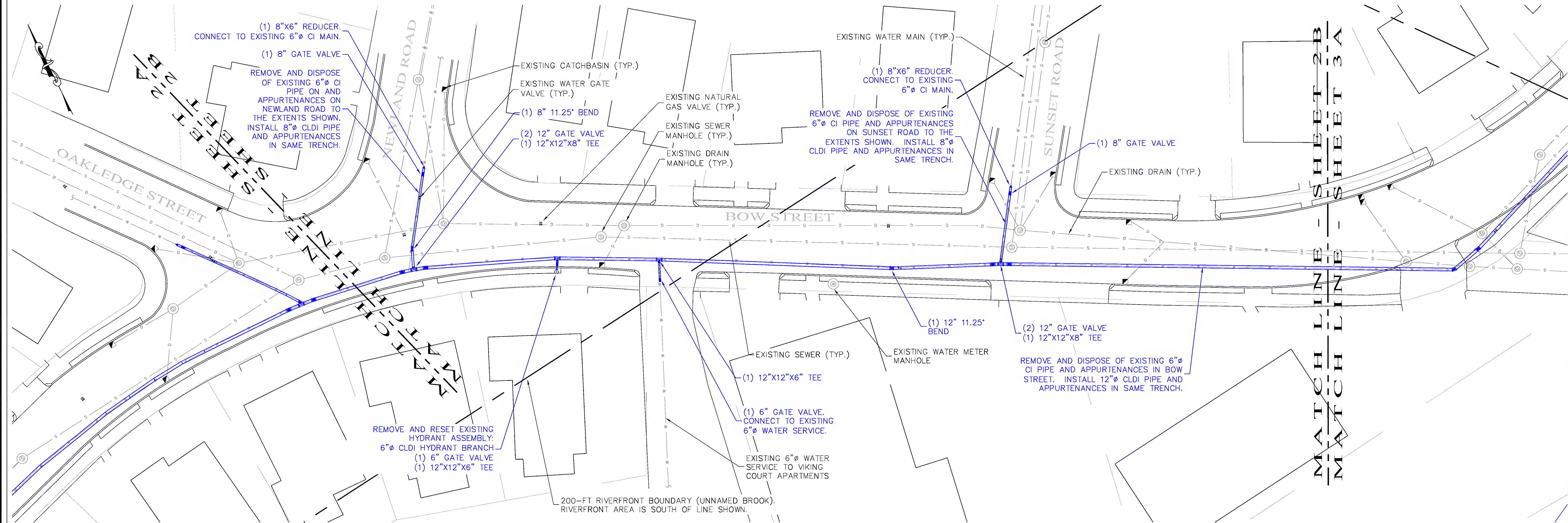
BID ALTERNATE #2: BURCH STREET - SHEETS 8-9

TYPICAL CONSTRUCTION DETAILS: SHEET 10



PLAN 2A - BOW STREET

SCALE: 1"=20'



PLAN 2B - BOW STREET

SCALE: 1"=20'

NOTES

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3. The contractor shall notify the Town of Arlington Engineering Division and/or Water/Sewer Division of all discrepancies from this plan identified in the field.
4. All on-site drainage catch basins shall be equipped with an inlet protection device during all construction activities. Any sediment that enters the Town's Stormwater Sewer System as a result of this work shall be removed by the contractor at his cost.
5. No fueling of equipment shall be allowed within the 200-FT Riverfront Resource Area Boundaries.
6. Streets shall be swept and cleaned of sediment debris at end of each work day.
7. Any areas disturbed by the contractor outside the limits of work shall be restored to original condition at no cost to the owner.
8. The contractor must notify all utilities prior to performing any excavation work. The Town of Arlington is not a member of "Dig-Safe" and must be notified directly at least 72-Hours prior to any excavation at 781-316-3310 or 781-316-3301.
9. The location, number, & type of proposed fittings shown on this plan are intended for illustrative purposes only. Field conditions will dictate the location, number, & type of fittings required. All installations shall be to the full satisfaction of the Town of Arlington.
10. The location of proposed water service laterals are not shown on this plan. The location of new 3/4" copper service laterals shall be field determined and laid out to the satisfaction/approval of the Town of Arlington.
11. Trenches shall be backfilled with suitable material and compacted in layers not over 6" deep using mechanical compactors or jet-rodging. Backfill material shall be compacted to 95% of maximum dry density as determined by AASHTO Standard Test T99 Method C.

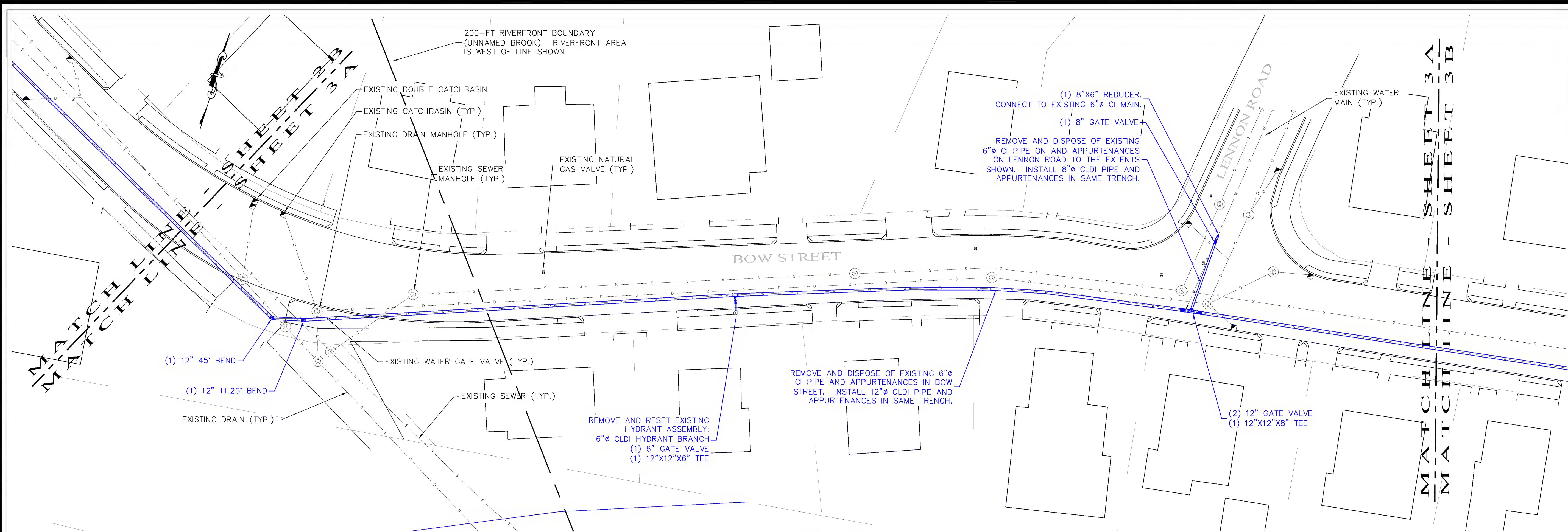
No.	Revision/Issue	Date

Town of
ARLINGTON
Engineering Division
51 Grove Street
Arlington, MA 02476

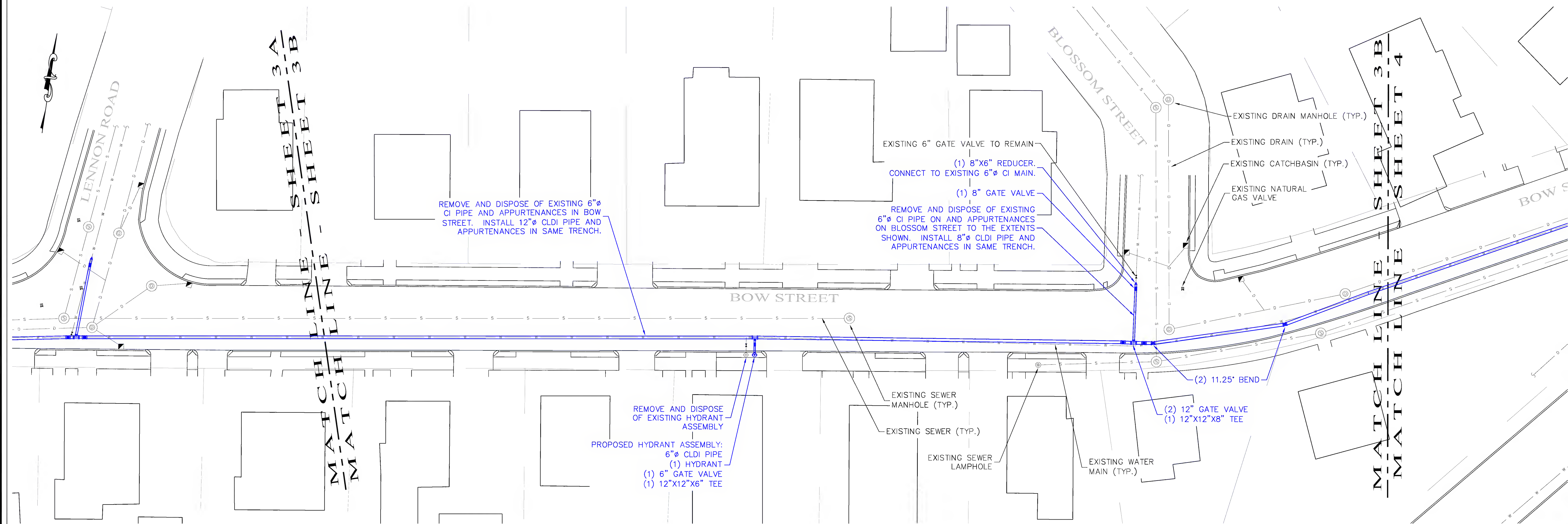
**2017 WATER DISTRIBUTION
SYSTEM IMPROVEMENTS**

BOW STREET

Project:	BID #17-32	Sheet:	2 of 10
Drawn By:	WCC		
Scale:	1" = 20'		
Date:	MAY 2017		



PLAN 3A - BOW STREET
SCALE: 1"=20'



PLAN 3B - BOW STREET
SCALE: 1"=20'

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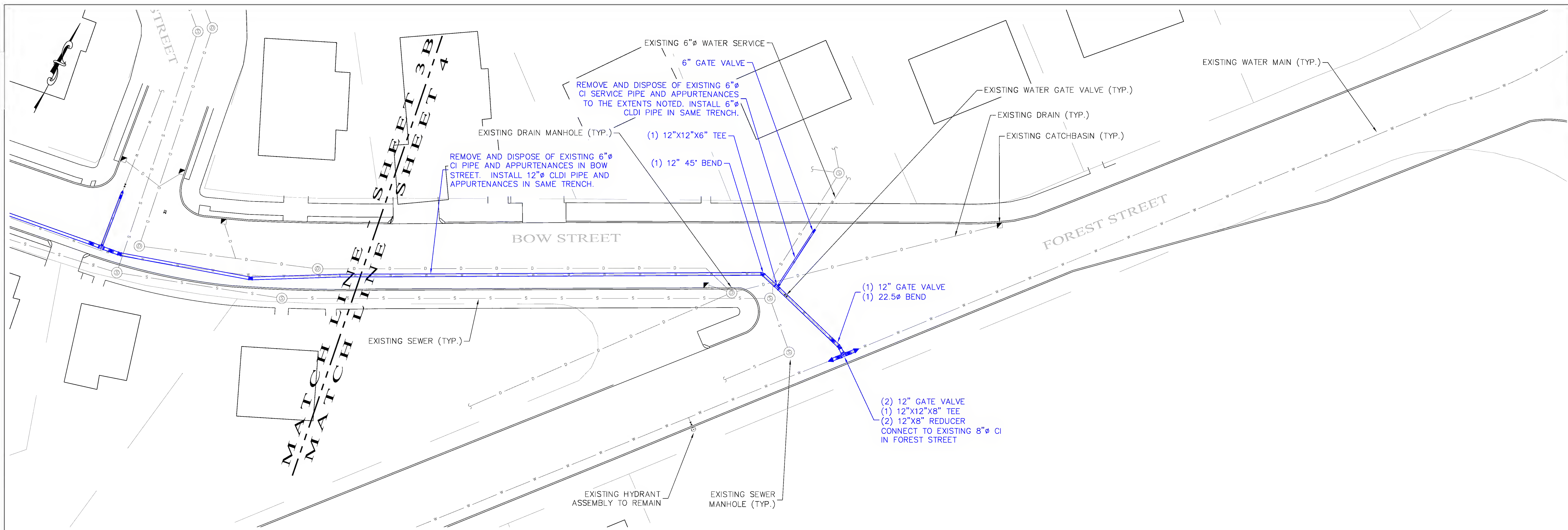
No.	Revision/Issue	Date

Town of
ARLINGTON
Engineering Division
51 Grove Street
Arlington, MA 02476

**2017 WATER DISTRIBUTION
SYSTEM IMPROVEMENTS**

BOW STREET

Project:	BID #17-32	Sheet:	
Drawn By:	WCC		
Scale:	1" = 20'		
Date:	MAY 2017		



PLAN 4 - BOW STREET
SCALE: 1"=20'

NOTES

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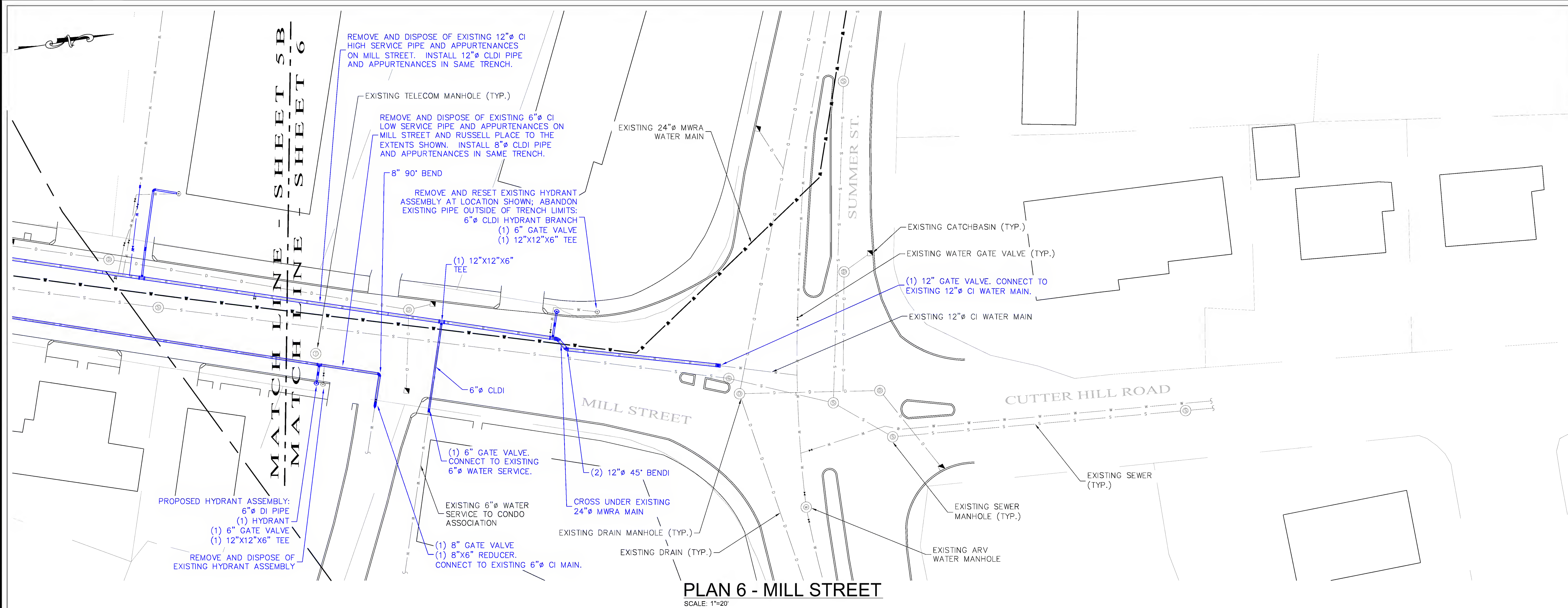
No.	Revision/Issue	Date
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Town of
ARLINGTON
Engineering Division
51 Grove Street
Arlington, MA 02476

**2017 WATER DISTRIBUTION
SYSTEM IMPROVEMENTS**

BOW STREET

Project:	BID #17-32	Sheet:	4 of 10
Drawn By:	WCC		
Scale:	1" = 20'		
Date:	MAY 2017		



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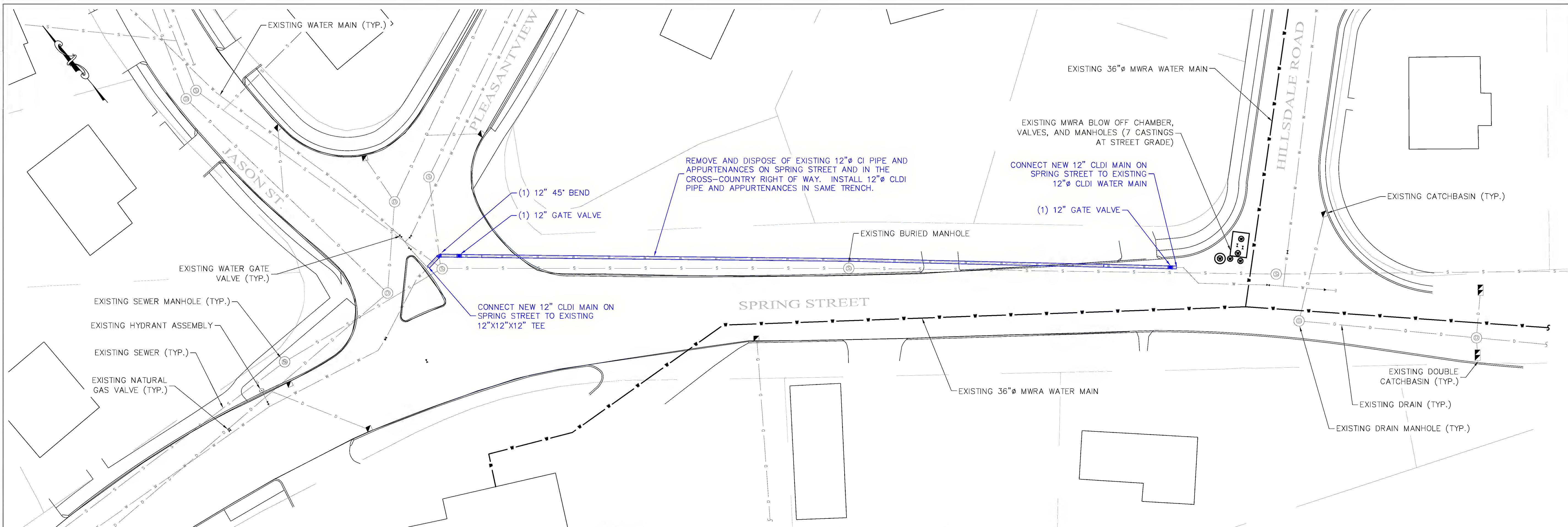
No.	Revision/Issue	Date
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Town of
ARLINGTON
Engineering Division
51 Grove Street
Arlington, MA 02476

**2017 WATER DISTRIBUTION
SYSTEM IMPROVEMENTS**

MILL STREET

Project:	BID #17-32	Sheet:	6 of 10
Drawn By:	WCC		
Scale:	1" = 20'		
Date:	MAY 2017		



PLAN 7A - SPRING STREET - BID ALTERNATE #1
SCALE: 1"=20'

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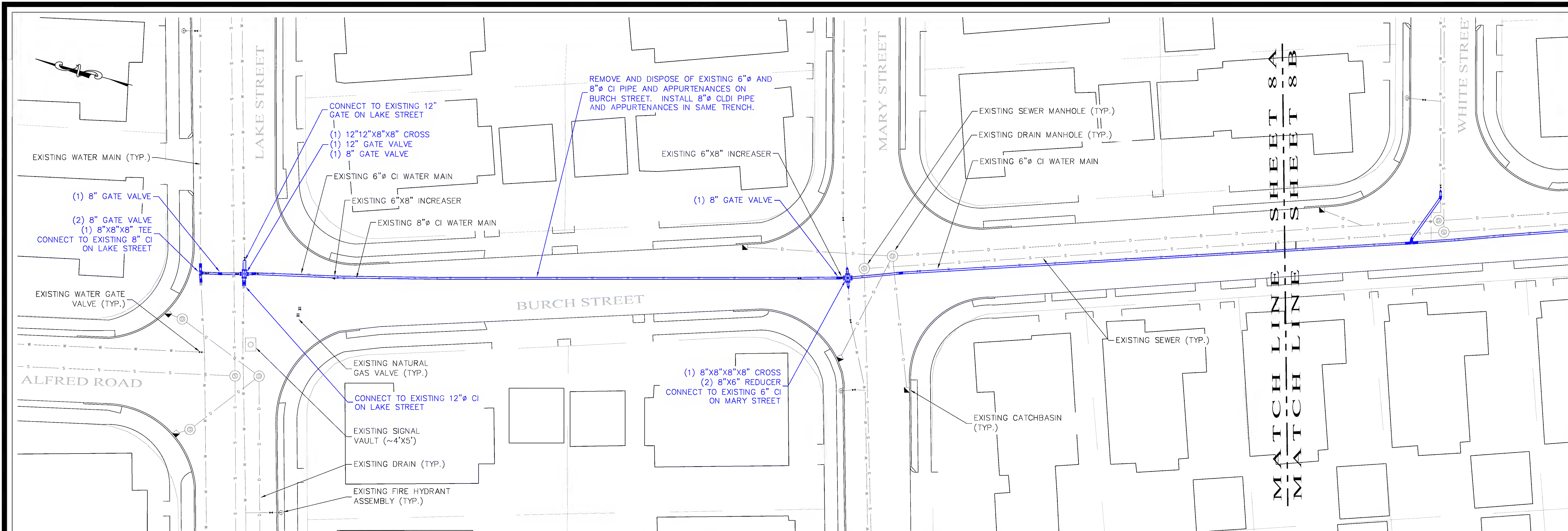
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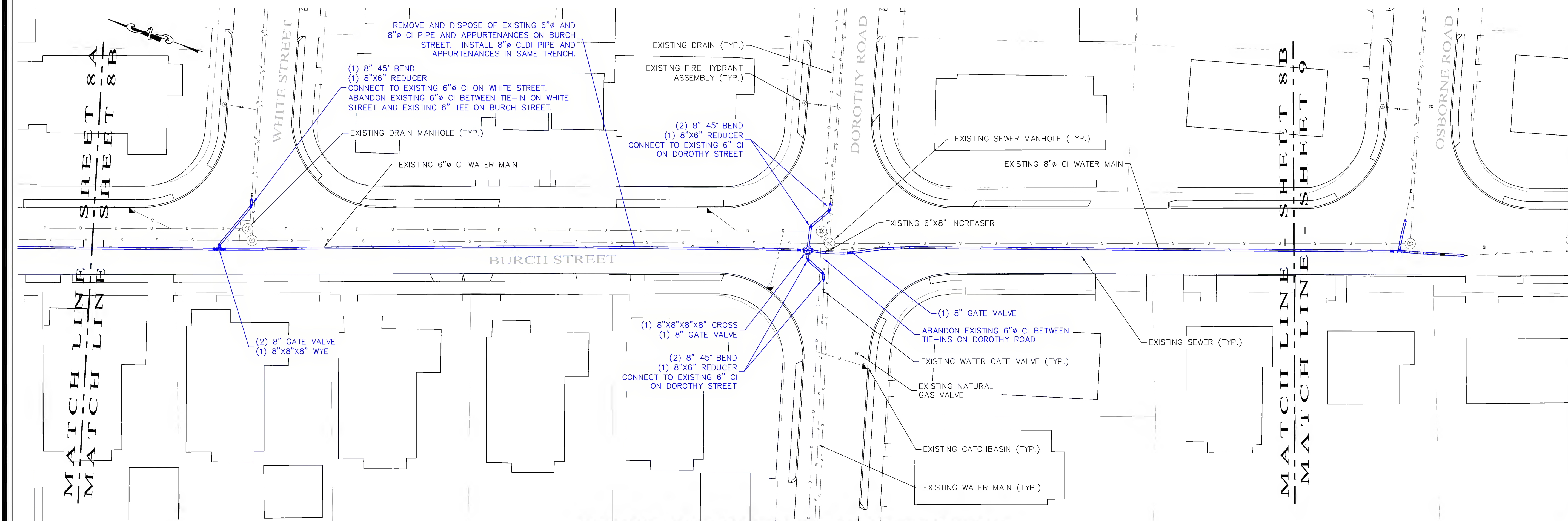
2017 WATER DISTRIBUTION
SYSTEM IMPROVEMENTS

SPRING STREET
BID ALTERNATE #1

Project:	BID #17-32	Sheet:	7 of 10
Drawn By:	WCC		
Scale:	1" = 20'		
Date:	MAY 2017		



PLAN 8A - BURCH STREET - BID ALTERNATE #2
SCALE: 1"=20'



PLAN 8B - BURCH STREET - BID ALTERNATE #2
SCALE: 1"=20'

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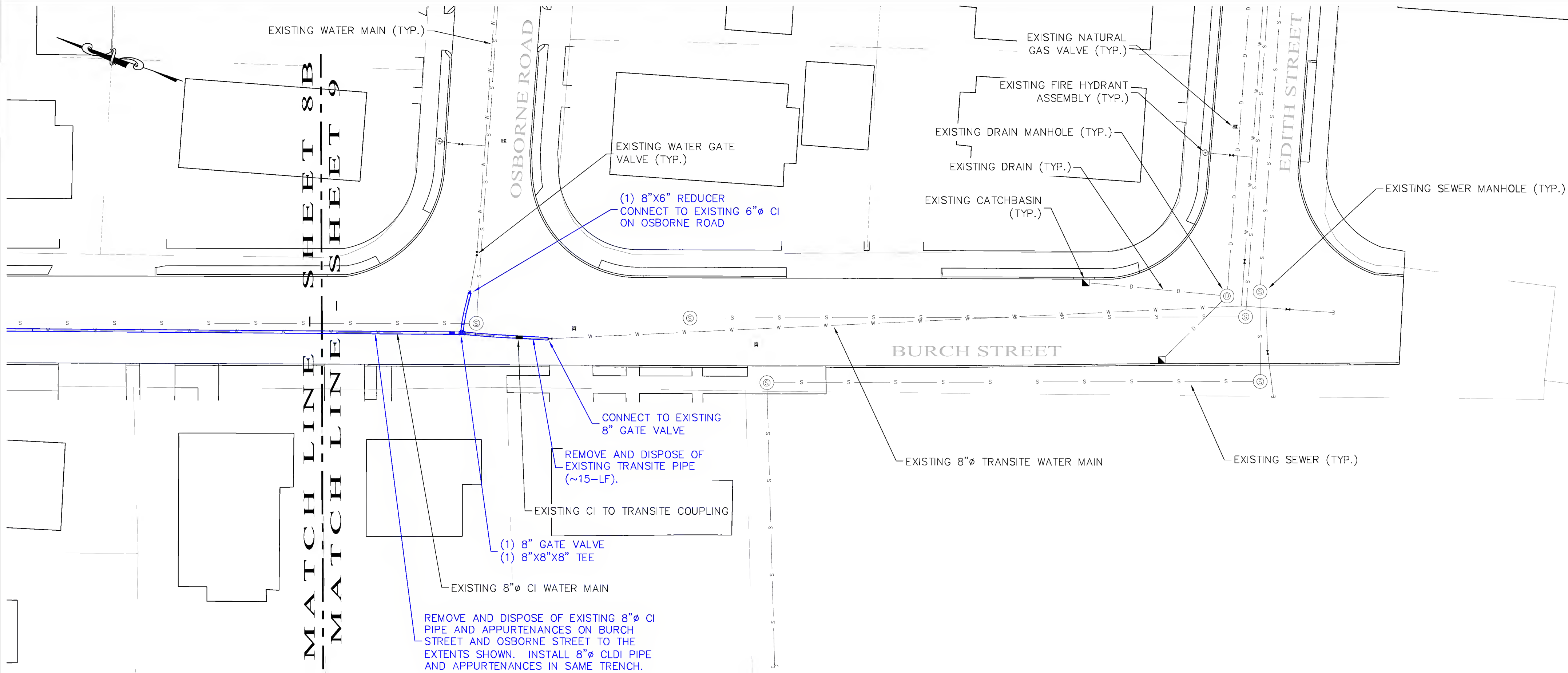
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Town of
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51 Grove Street
Arlington, MA 02476

2017 WATER DISTRIBUTION SYSTEM IMPROVEMENTS

BURCH STREET BID ALTERNATE #2

Project: BID #17-32	Sheet: 8 of 10
Drawn By: WCC	
Scale: 1" = 20'	
Date: MAY 2017	



PLAN 9 - BURCH STREET - BID ALTERNATE #2

SCALE: 1"=20'

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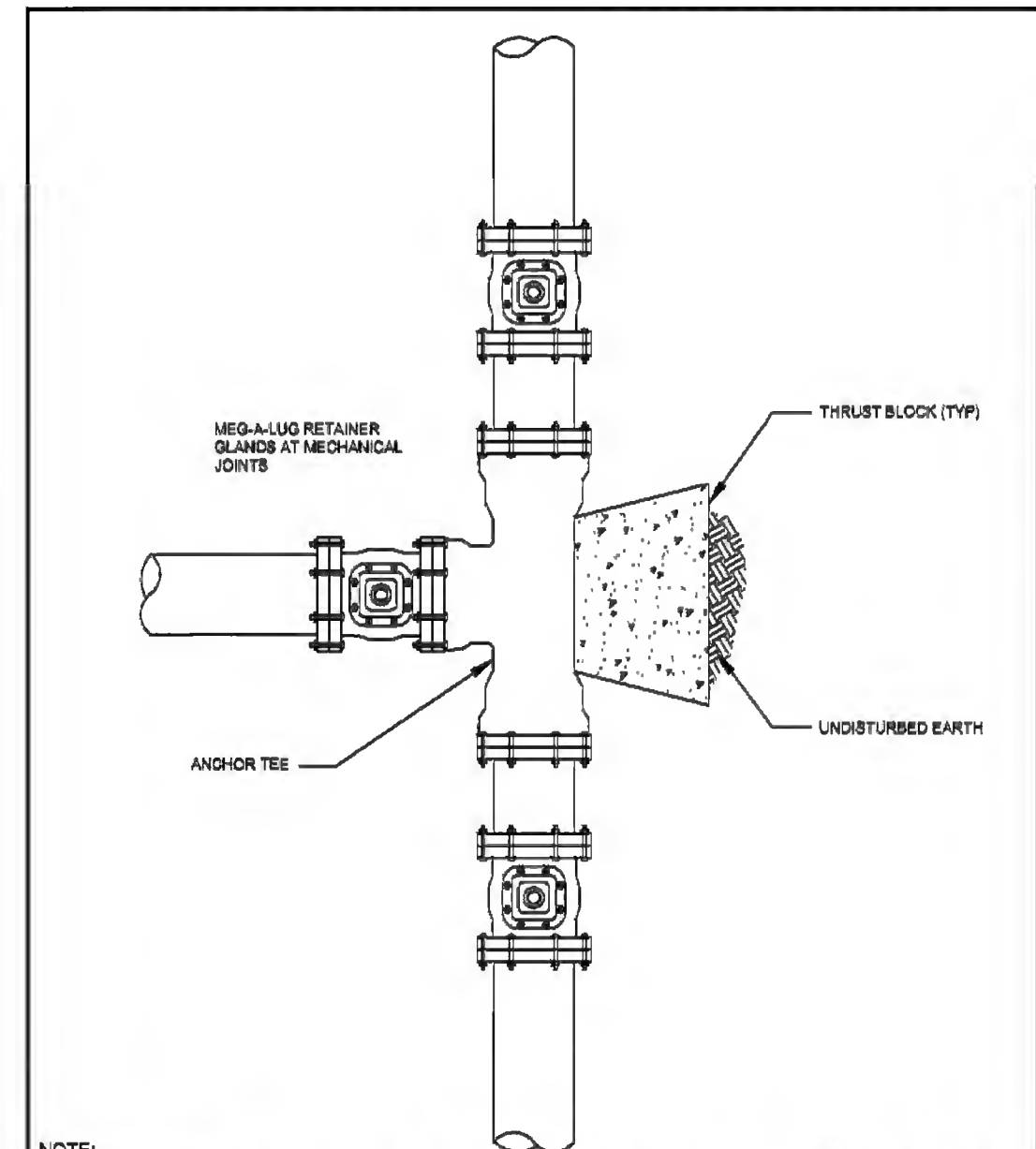
No.	Revision/Issue	Date
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Town of
ARLINGTON
Engineering Division
51 Grove Street
Arlington, MA 02476

2017 WATER DISTRIBUTION
SYSTEM IMPROVEMENTS

BURCH STREET
BID ALTERNATE #2

Project:	BID #17-32	Sheet:	9 of 10
Drawn By:	WCC		
Scale:	1" = 20'		
Date:	MAY 2017		

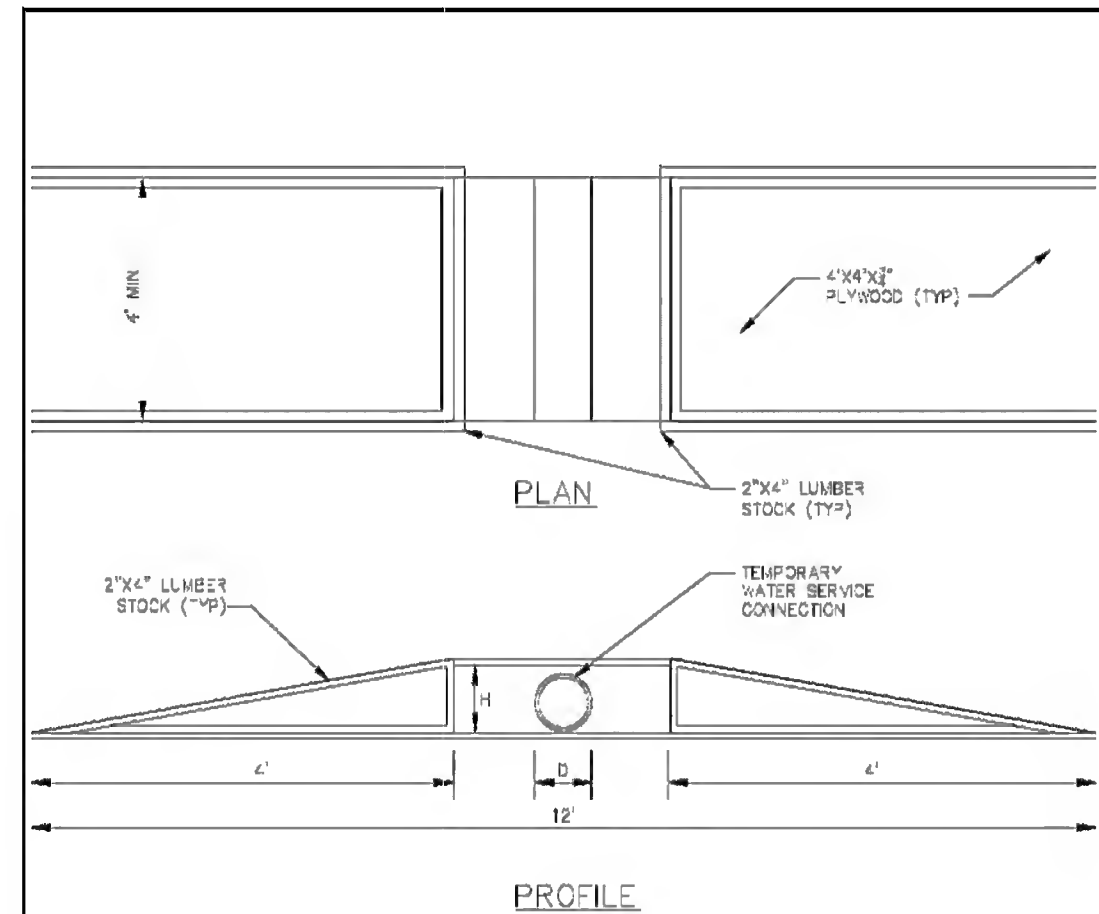


ARLINGTON
ENGINEERING DIVISION
DESIGN

TYPICAL ANCHOR TEE INSTALLATION

OCT. 2014
NOT TO SCALE
REVISION ①

W-0007

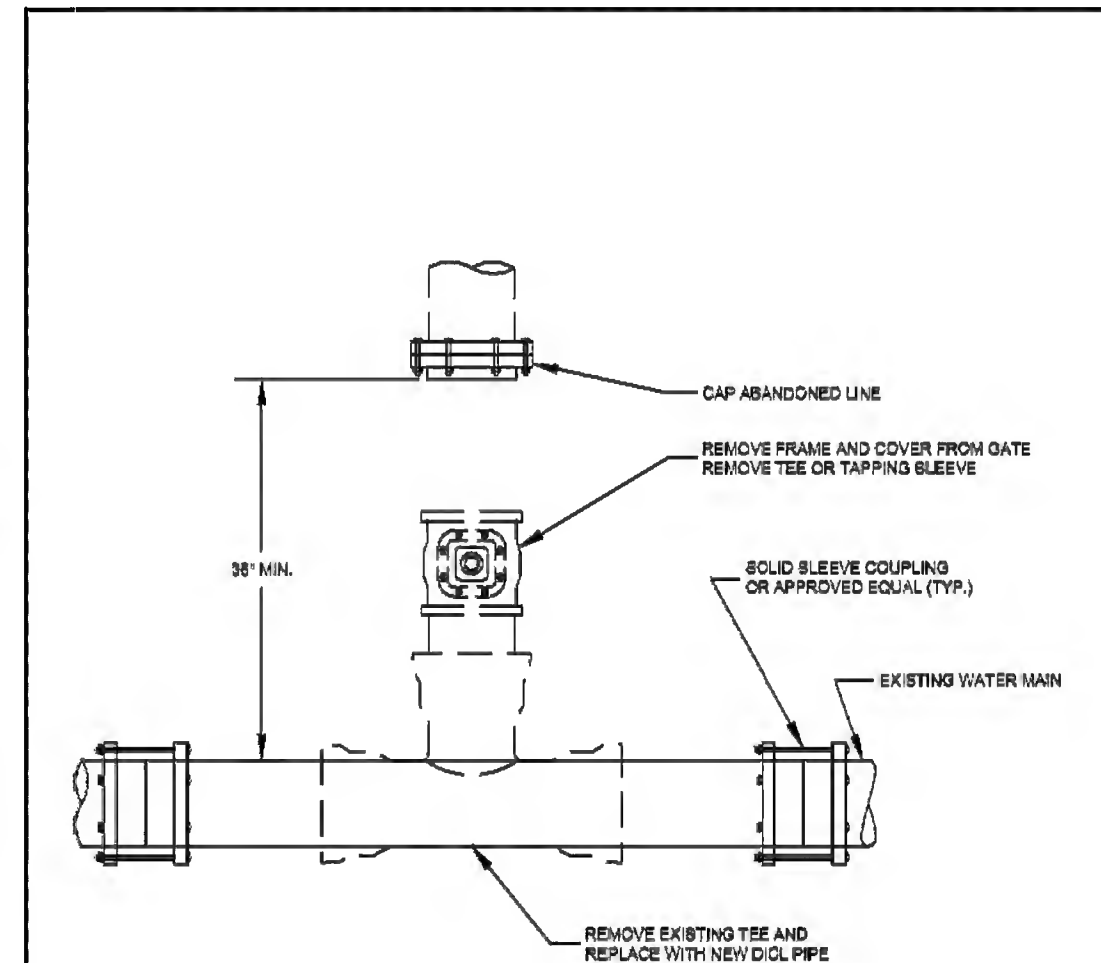


ARLINGTON
ENGINEERING DIVISION
DESIGN

WATER MAIN BYPASS
TEMPORARY PEDESTRIAN RAMP

OCT. 2014
NOT TO SCALE
REVISION ①

W-0013

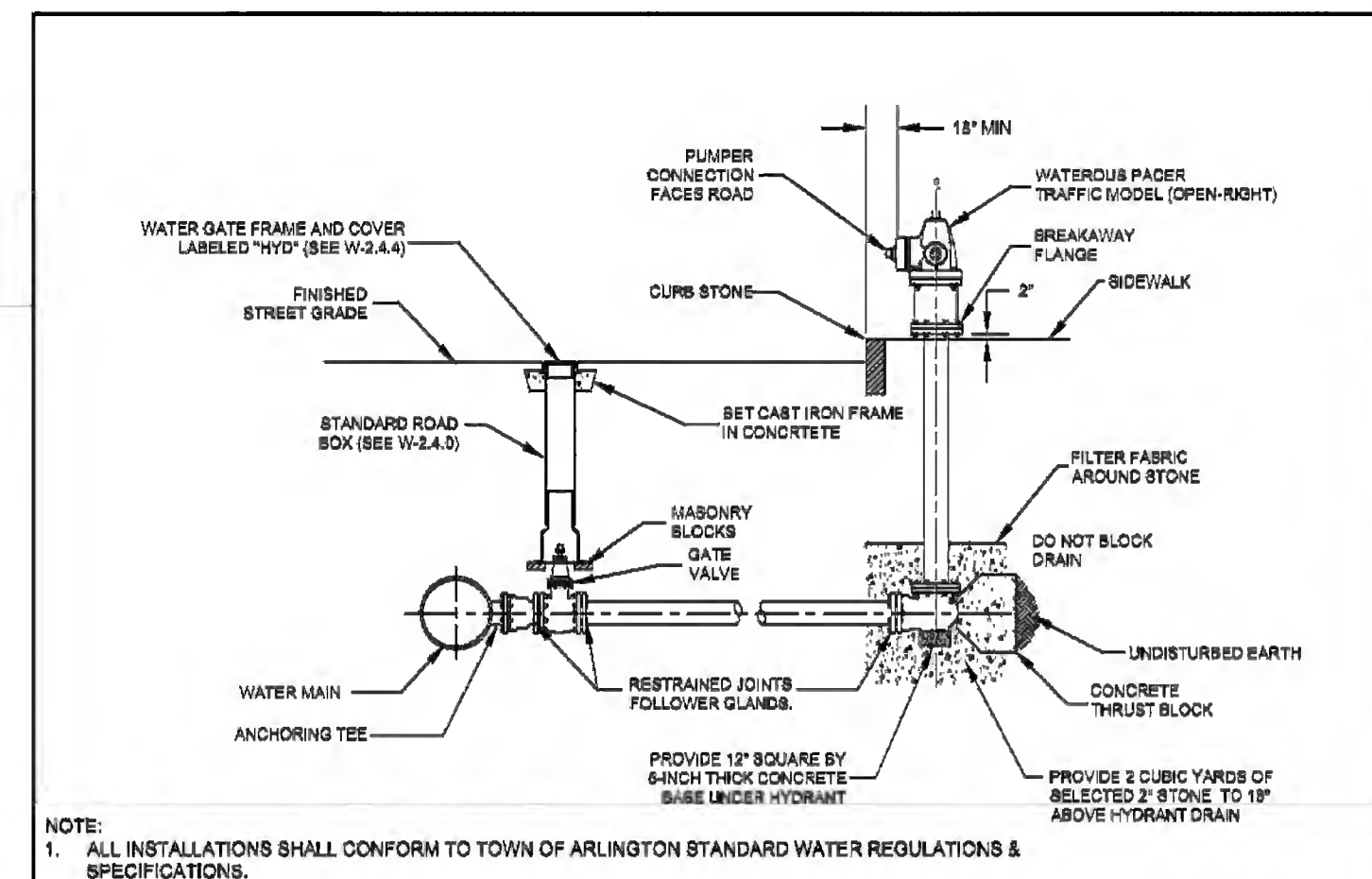


ARLINGTON
ENGINEERING DIVISION
DESIGN

TYPICAL CUT & REMOVE
EXISTING CONNECTION OVER 2"

OCT. 2014
NOT TO SCALE
REVISION ①

W-0009

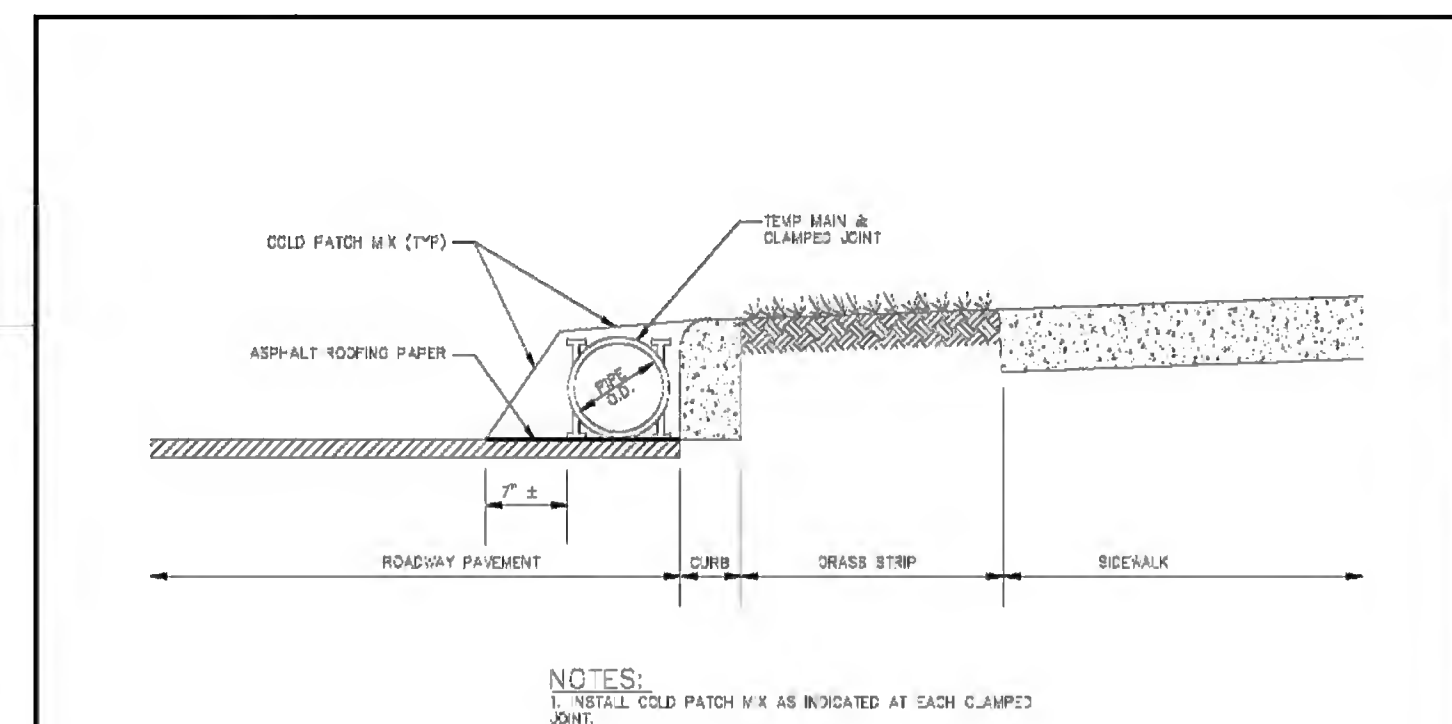


ARLINGTON
ENGINEERING DIVISION
DESIGN

TYPICAL FIRE HYDRANT INSTALLATION

OCT. 2014
NOT TO SCALE
REVISION ①

W-0008

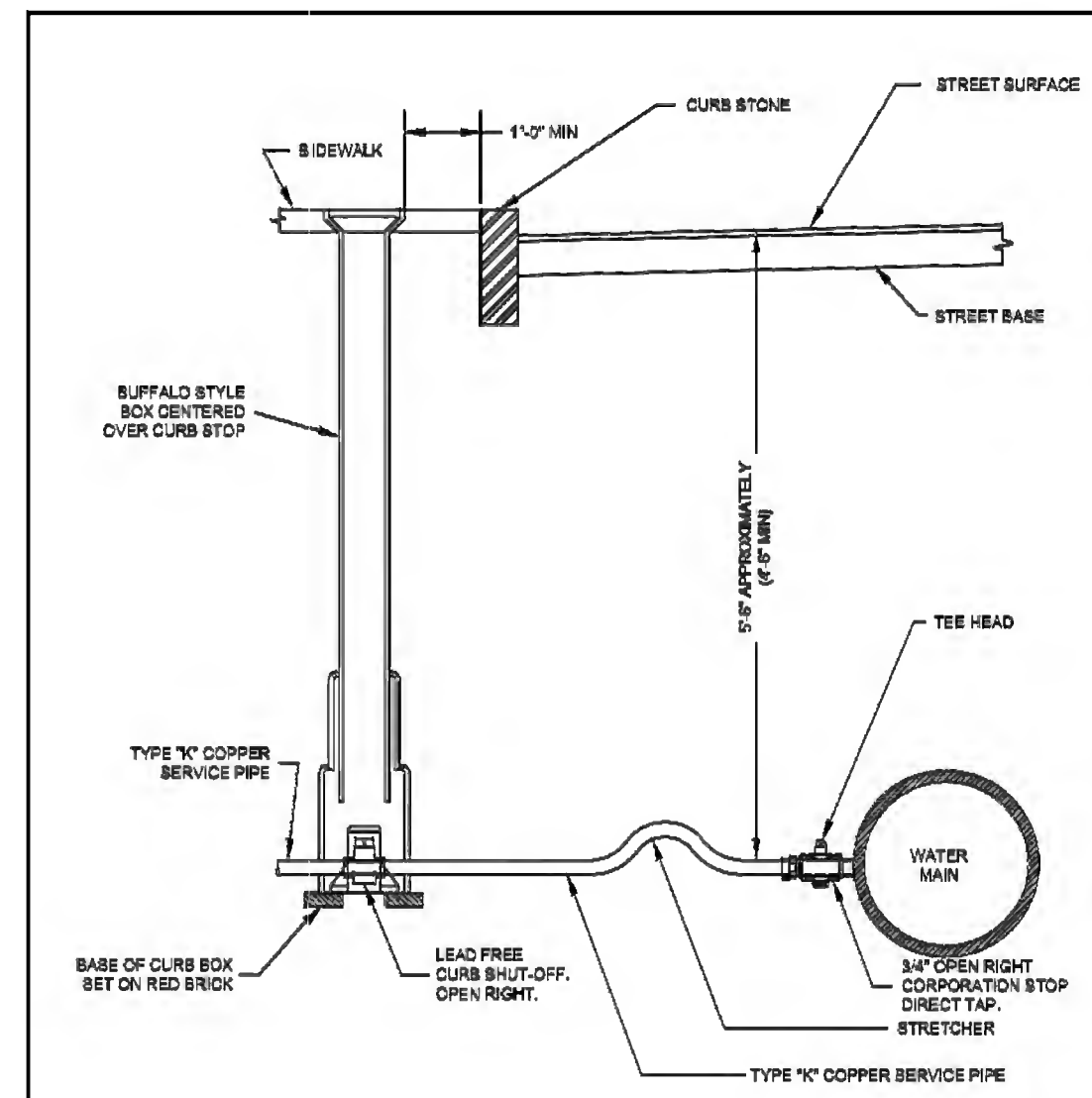


ARLINGTON
ENGINEERING DIVISION
DESIGN

WATER MAIN BYPASS
TEMPORARY PIPE PROTECTION

OCT. 2014
NOT TO SCALE
REVISION ①

W-0012

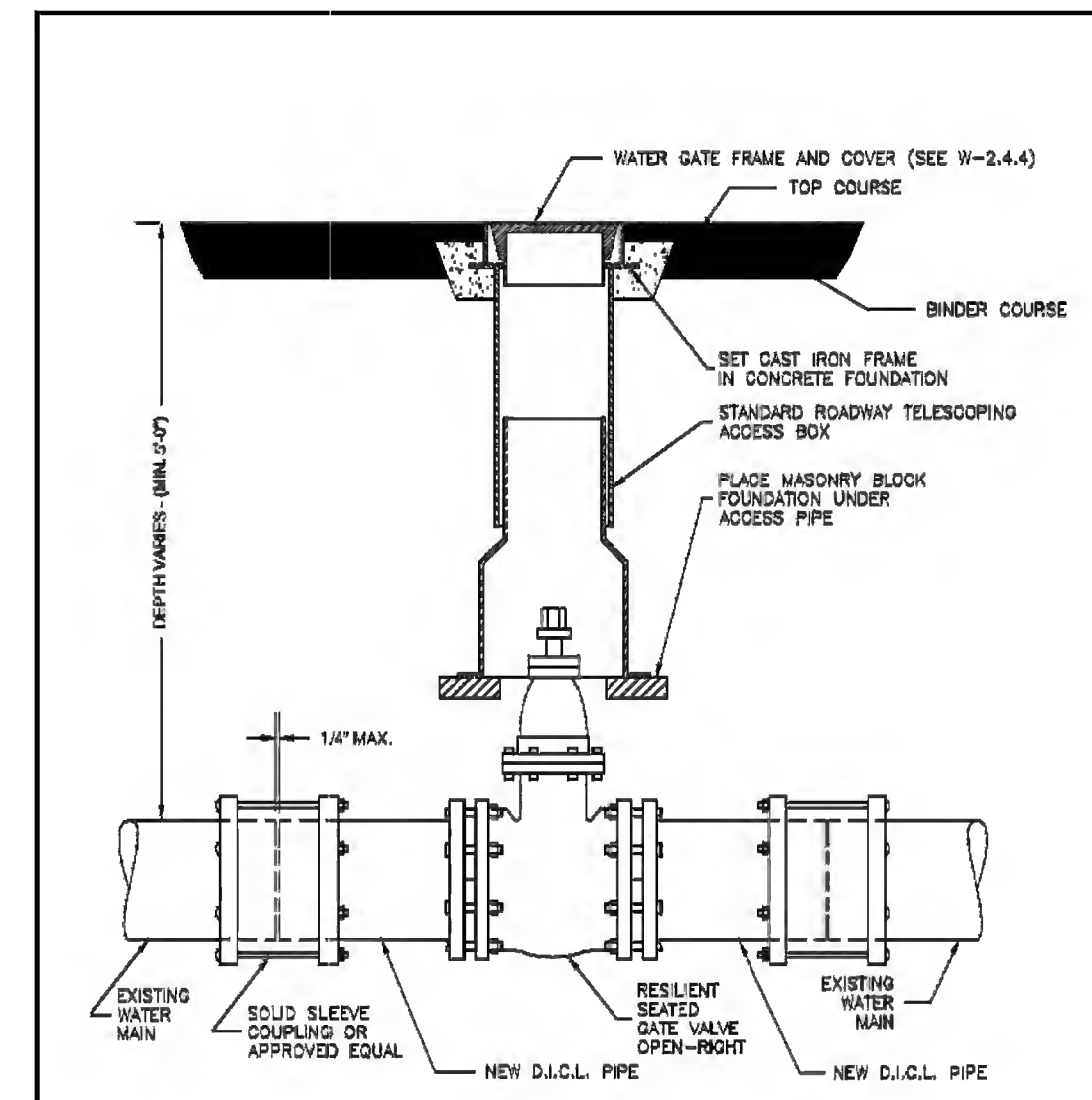


ARLINGTON
ENGINEERING DIVISION
DESIGN

TYPICAL WATER CONNECTION
FOR 3/4" SERVICE

OCT. 2014
NOT TO SCALE
REVISION ①

W-0001

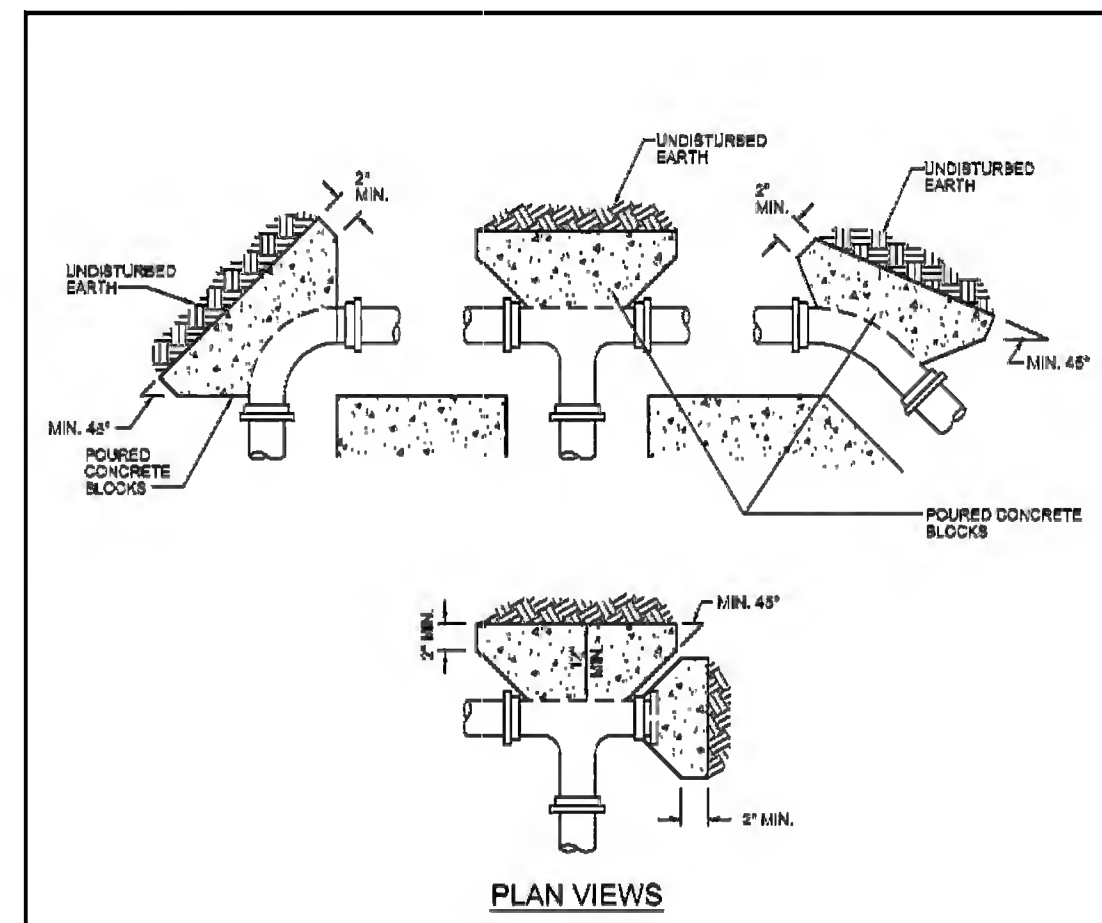


ARLINGTON
ENGINEERING DIVISION
DESIGN

TYPICAL GATE
VALVE INSTALLATION ON
EXISTING MAIN

OCT. 2014
NOT TO SCALE
REVISION ①

W-0004

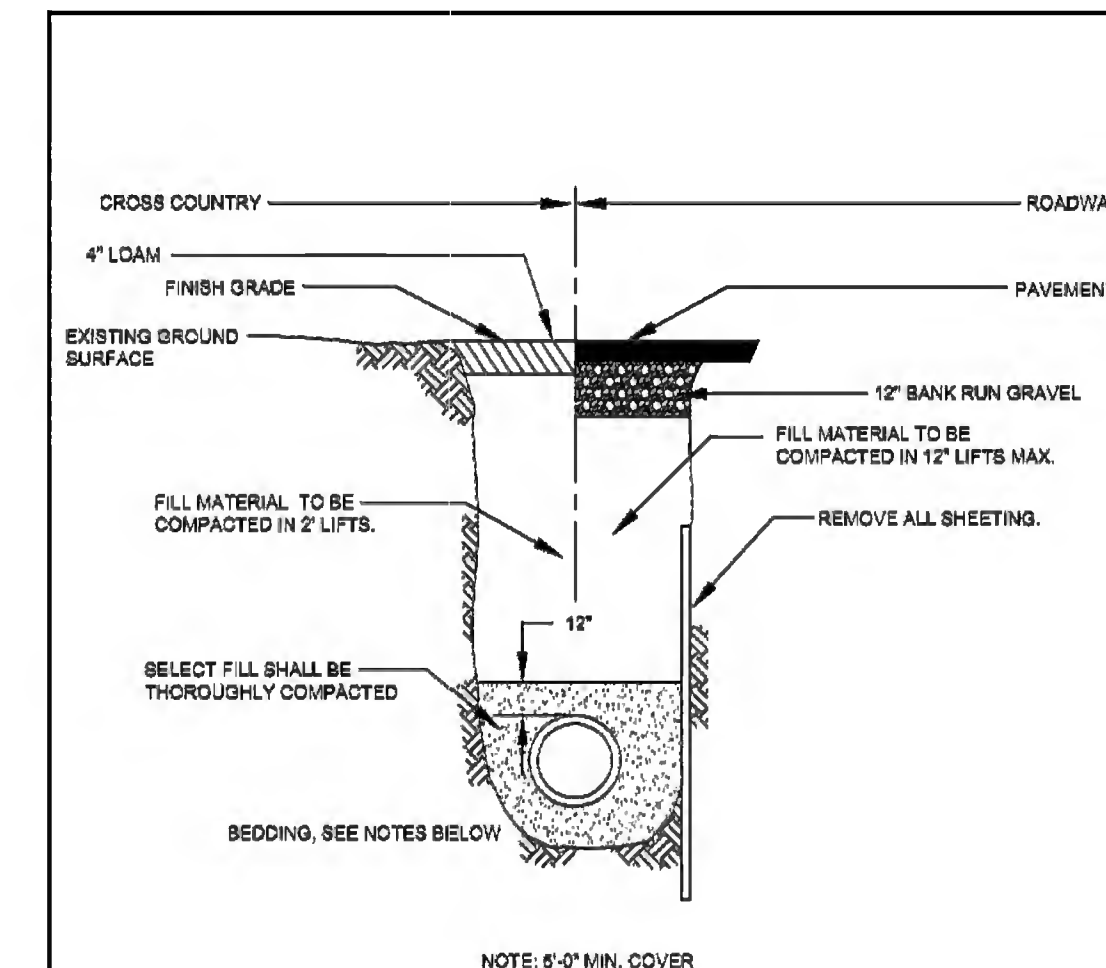


ARLINGTON
ENGINEERING DIVISION
DESIGN

TYPICAL THRUST
BLOCK DETAIL

OCT. 2014
NOT TO SCALE
REVISION ①

W-0005



ARLINGTON
ENGINEERING DIVISION
DESIGN

TYPICAL WATER MAIN
TRENCH DETAIL

OCT. 2014
NOT TO SCALE
REVISION ①

W-0006

NOTES